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=> s parvovirus

L1 449 PARVOVIRUS

=> s 11 and vector

67226 VECTOR

L2 284 L1 AND VECTOR

=> s 12 and therapy

42477 THERAPY

L3 178 L2 AND THERAPY

=> s 13 and cancer

26232 CANCER

L4 134 L3 AND CANCER

=> s l1 and autonomous

5398 AUTONOMOUS

L5 20 L1 AND AUTONOMOUS

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US PAT NO: 5,585;254 [IMAGE AVAILABLE] L5: 13 of 20

ABSTRACT:

The present invention relates to novel recombinant autonomous parvovirus vectors, el recombinant virus particles and novel gene delivery vehicles that can be used to selectively targer heterologous nucleic acid sequences to desired cell types and to selectively express such sequences in such desired cell types. Recombinant autonomous parvovirus gene delivery vehicles are particularly advantageous for transient gene therapy, and are especially well-suited to treat diseases in which there is rapid cell growth, such as cancer. Also included is the use of recombinant vectors of the present invention to produce RNA and protein products in cell culture.